S
553.28
O1S
MAY 1968

SHELVED WITH PERIODICALS

Montana State Library
3 0864 1006 0080 1

MONTANA OIL AND GAS STATISTICAL BULLETIN

ADMINISTRATORS

NORMAN J. BEAUDRY, EXEC. SECY.
P. O. BOX 217
HELENA, MONTANA 59601

JOHN H. RISKEN, ATTORNEY
P. O. BOX 217
HELENA, MONTANA 59601

BILLY B. LANE, GEOLOGIST
15 POLY DRIVE
BILLINGS, MONTANA 59101

GORDON D. LANOUETTE,
PETROLEUM ENGINEER
15 POLY DRIVE
BILLINGS, MONTANA 59101

COMMISSIONERS

WINSTON L. COX, CHAIRMAN
1925 GRAND AVENUE
BILLINGS, MONTANA 59102

CLYDE BREWER, VICE-CHAIRMAN
P. O. BOX 294
ROUNDUP, MONTANA 59072

ALLEN ZIMMERMAN,
P. O. BOX 277
POPLAR, MONTANA 59255

E. G. BALSAM,
2300 PEARL
MILES CITY, MONTANA 59301

LYLE KASSEL,
142 THIRD SOUTH
SHELBY, MONTANA 59474

OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XVI, No. 5 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — May, 1968

Production of crude oil and condensate from the oil and gas areas of Montana for the month of May 1968, averaged 137,850 barrels daily, an increase of 7,965 barrels from the average April production of 129,885.

The nine refineries in the state processed 114,701 barrels of crude oil daily for the month of May, 1968, an increase of 8,076 barrels from the 106,625 barrels processed daily during the month of April, 1968.

During May, 69 wells were completed, 36 oil, 1 gas well and 32 dry holes.

During May, the commission issued 86 permits to drill new wells, an increase of 19 from the 67 permits issued during April.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF MAY, 1968

IN STORAGE MAY 1st	
By Producers	465,174
By Transporters	1,380,776
By Refiners	1,137,796
TOTAL STORAGE	2,983,746
Produced in Montana During Month	4,273,351
Imported During Month	2,633,562
TOTALS	9,890,659
DISPOSITION:	
Refined in Montana	3,555,731
Exported	3,650,833
Used for Fuel or Lost	14,867
TOTAL	7,221,431
IN STORAGE MAY 31st	
By Producers	421,950
By Transporters	1,297,874
By Refiners	949,404
TOTAL STORAGE	2,669,228

NATURAL GAS WITHDRAWALS IN MONTANA

Month of May, 1968

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	67,103
Bowdoin	101,890
Bowes	47,529
Cabin Creek	105,000
Cedar Creek	159,819
Cut Bank (Including Reagan)	728,229
Devon	0
Dry Creek	328
Elk Basin	89,614
Flat Coulee	10,106
Gold Butte	7,294
Golden Dome	0
Grandview	10,489
Hardin	3,508
Keith Block	243,525
Kevin Sunburst	54,659
Lake Basin	106,341
Middle Butte	1,367
Mt. Lilly	52,682
Pine	65,000
Plevna	10,558
Utopia	114,980
Whitlash	110,493
Miscellaneous	172,414
TOTAL	2,262,928

Total withdrawals for May, 1967 were 2,272,562

PRODUCERS REPORT—MONTH OF MAY, 1968

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	569	3,352	----------	3,567	----------	354
..	Bannatyne	----------	467	----------	----------	----------	----------	467
5	Bear's Den	7	1,627	1,327	----------	907	----------	2,047
60	Bell Creek	279	122,201	1,553,153	1,581,398	----------	5,073	88,883
1	Benrud	1	255	938	760	----------	----------	433
1	Benrud East	1	472	8,441	8,433	----------	----------	480
1	Benrud Northeast	1	704	7,762	7,733	----------	----------	733
1	Berthelote	1	715	494	494	----------	----------	715
5	Big Wall	22	1,707	18,178	18,085	----------	----------	1,800
5	Blackfoot	8	1,318	3,463	1,391	1,939	----------	1,451
4	Border	5	----------	2,823	----------	2,823	----------	----------
1	Bowes	60	6,307	16,348	17,603	----------	----------	5,052
2	Bradley	2	779	860	757	----------	----------	882
2	Brady	2	617	356	356	----------	----------	617
2	Cabin Creek	102	6,822	295,806	295,720	----------	----------	6,908
10	Cat Creek	57	2,649	17,258	15,107	2,414	----------	2,386
1	Clark's Fork	1	167	186	----------	186	----------	167
1	Conrad South	1	662	648	648	----------	----------	662
1	Cupton	1	1,379	413	----------	819	----------	973
157	Cut Bank	954	82,007	310,050	312,377	803	49	78,828
2	Deer Creek	3	1,655	2,835	3,649	----------	----------	841
1	Delphia	1	356	555	----------	589	----------	322
..	Devil's Basin	----------	661	----------	----------	----------	----------	661
12	Dwyer	13	6,224	20,013	21,500	----------	----------	4,737
4	Elk Basin	60	2,196	218,804	218,390	----------	----------	2,610
5	Elk Basin Northwest	14	2,013	8,213	7,673	----------	----------	2,553
9	Fairview	9	10,241	71,285	----------	71,202	----------	10,324
2	Fertile Prairie	2	850	1,452	1,173	----------	----------	1,129
24	Flat Coulee	31	4,459	17,506	15,089	----------	----------	6,876
41	Flat Lake	57	6,607	74,465	75,233	----------	----------	5,839
1	Flat Lake South	1	359	1,453	1,125	----------	----------	687
2	Frannie	2	----------	836	836	----------	----------	----------
19	Fred & George Creek	44	3,547	81,711	80,586	----------	----------	4,672
1	Gage	1	734	100	----------	22	----------	812
4	Gas City	23	5,341	34,424	31,269	----------	----------	8,496
11	Glendive	14	2,113	34,454	26,489	7,675	----------	2,403
22	Goose Lake	31	5,244	55,551	57,915	----------	221	2,659
12	Graben Coulee	27	4,246	8,893	7,415	1,575	----------	4,149
..	Grandview	----------	528	----------	----------	----------	----------	528
4	Gypsy Basin	4	812	300	300	----------	----------	812
7	Hiawatha	7	3,863	36,633	36,063	----------	----------	4,433
1	Hibbard	1	529	237	----------	----------	----------	766
6	Ivanhoe	11	1,898	10,823	10,444	----------	----------	2,277
10	Keg Coulee	27	6,152	21,156	21,490	----------	----------	5,818
3	Keg Coulee North	3	894	1,068	877	----------	----------	1,085
1	Kelley	2	571	12,648	11,718	----------	----------	1,501
109	Kevin Sunburst	471	18,175	35,086	32,534	4,108	----------	16,619
3	Laird Creek	5	846	5,849	6,479	----------	----------	216
1	Little Beaver	29	----------	33,214	33,214	----------	----------	----------
2	Little Beaver East	14	2,605	17,720	18,211	----------	----------	2,114
3	Lodge Grass	3	1,913	2,061	----------	1,896	249	1,829
24	Lookout Butte	76	4,880	141,818	138,620	4,057	----------	4,021
..	Mackay Dome	----------	810	----------	----------	----------	----------	810
2	Mason Lake	2	250	1,250	1,250	----------	----------	250
2	Melstone	4	793	2,275	1,797	----------	----------	1,271
1	Mineral Bench	1	183	1,236	853	----------	----------	566
4	Miner's Coulee	5	274	1,765	----------	1,515	----------	524
12	Monarch	15	3,698	22,550	21,397	----------	----------	4,851
4	Mosser	4	----------	787	----------	787	----------	----------
6	Outlook	11	7,457	26,743	----------	26,705	----------	7,495
2	Outlook South	2	1,713	1,689	----------	2,428	----------	974
2	Outlook West	2	2,191	9,225	----------	9,372	29	2,015
69	Pennel	117	5,763	146,010	146,249	----------	----------	5,524
4	Pine	121	22,077	326,409	329,817	----------	----------	18,669
1	Pole Creek	1	314	1,050	----------	1,050	----------	314
71	Pondera	282	7,712	28,854	29,751	----------	35	6,780
4	Poplar	68	10,891	57,535	58,909	----------	----------	9,517
4	Poplar Northwest	4	1,730	1,537	2,399	----------	----------	868
..	Prairie Elk	----------	898	----------	----------	----------	----------	898
4	Ragged Point	12	2,643	10,051	10,304	----------	----------	2,390
1	Rattlesnake Coulee	1	610	653	562	----------	----------	701
4	Reagan	48	1,123	23,305	23,292	----------	----------	1,136
1	Red Creek	26	----------	26,204	25,827	377	----------	----------
1	Red Fox	1	353	9,624	9,557	----------	----------	420
1	Redstone	1	544	5,786	5,711	----------	----------	619
1	Repeat	1	658	1,569	----------	2,079	----------	148
3	Reserve	3	----------	17,813	----------	17,813	----------	----------
1	Richey	1	497	389	319	----------	----------	567
6	Richey Southwest	8	663	7,474	7,541	----------	----------	596
7	Sand Creek	9	1,724	12,338	11,861	----------	----------	2,201
1	Shotgun Creek	1	461	872	----------	1,201	31	101
3	Sidney-Brorson	3	1,258	26,406	----------	24,979	----------	2,685
4	Smoke Creek	5	1,671	2,128	----------	2,094	----------	1,705
1	Snyder	3	413	950	----------	950	----------	413
6	Soap Creek	17	3,757	8,423	----------	9,464	----------	2,716
1	Spring Lake	2	2,379	2,607	----------	3,099	----------	1,887
2	Stensvad	21	4,513	20,093	20,142	----------	103	4,361
26	Sumatra	84	12,048	62,369	63,043	----------	----------	11,374
6	Tule Creek	7	2,425	35,445	----------	35,400	----------	2,470
2	Tule Creek East	2	712	19,979	----------	19,628	----------	1,063
2	Tule Creek South	3	1,157	5,625	----------	5,547	18	1,217
2	Vida	2	539	1,738	1,740	----------	----------	537
4	Volt	6	2,519	18,811	19,510	----------	----------	1,820
2	Weed Creek	3	781	16,045	15,926	----------	123	777
5	Weldon	13	1,373	73,321	73,073	----------	----------	1,621
19	Whitlash	44	9,592	18,878	18,431	----------	----------	10,039
2	Whitlash West	2	768	594	620	----------	----------	742
3	Wills Creek South	3	1,133	5,072	5,330	----------	----------	875
6	Wolf Springs	9	4,105	7,531	7,488	----------	----------	4,148
3	Woodrow	3	666	3,459	3,721	----------	----------	404
1	Wildcat, Carbon Cty	1	803	113	----------	----------	----------	916
1	Wildcat, Daniels Cty	1	362	389	----------	337	----------	414
5	Wildcat, Glacier Cty	5	413	1,622	1,646	----------	----------	389
1	Wildcat, Richland Cty	1	1,693	1,700	----------	1,700	----------	1,693
1	Wildcat, Sheridan Cty	1	1,116	868	----------	823	----------	1,161
1	Wildcat, Stillwater Cty	1	1,012	1,173	1,494	----------	----------	691
937	Total	3,487	465,174	4,273,351	4,038,714	271,930	5,931	421,950

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1967	34,959,026	96,778	34,845,434	95,466
First Quarter, 1968	10,606,010	116,549	10,556,409	116,004
April, 1968	3,896,547	129,885	3,884,235	129,474
May, 1968	4,273,351	137,850	4,310,644	139,053

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1967	423,176	1,063,477	632,990	2,119,643
March, 1968	457,799	1,206,686	841,174	2,505,659
April, 1968	465,174	1,380,776	1,137,796	2,983,746
May, 1968	421,950	1,297,874	949,404	2,669,228

*Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF MAY, 1968

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			3,567				3,567		
BEAR'S DEN—Truck			907					907	
BELL CREEK—Pipelines		1,581,398					1,070,434	510,964	
BIG WALL—									
Continental Pipeline Co.		18,086				18,086			
BLACKFOOT—									
Camerland Cardinal Corp.			1,939					1,939	
Union Oil Co.		1,391				1,391			
		1,391	1,939			1,391		1,939	
BORDER—Truck			2,823				2,823		
BOWES—Texaco		17,603				17,603			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	360,335	770,011	14,630	1,363,934			2,166,855		342,055
Shell Pipeline Co.	3,557	320,124			2,901			314,275	6,505
	363,892	1,090,135	14,630	1,363,934	2,901		2,166,855	314,275	348,560
CAT CREEK—									
Continental Pipeline Co.		15,107				15,107			
Truck			2,414			2,414			
		15,107	2,414			17,521			
CLARK'S FORK—Truck			186				186		
CUT BANK—									
Continental Pipeline Co.			8,378	684,129				692,507	
Phillips Petroleum Co.	82,003	42,734		63,469	1,908	95,755			90,543
Texas Pipeline Co.	29,633	130,232		29,639	73			153,924	35,507
Union Oil Co.	121,976	65,992		43,263	(227)	123,729			107,729
Western Oil Trans. Co.		41,838						41,838	
Western Oil Trans. (Moulton)		43,032						43,032	
	233,612	323,828	8,378	820,500	1,754	219,484		931,301	233,779
DELPHIA—Truck			589			589			
DWYER—Portal Pipeline Co.		20,601					20,601		
ELK BASIN & ELK BASIN NORTHWEST—									
Marathon Pipeline Co.		225,568				225,568			
FAIRVIEW—Truck			71,202				49,664	21,538	
FLAT COULEE—									
Camerland Cardinal Corp.		19,657				19,657			
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		70,119					70,119		
FRANNIE—Interstate Pipeline Co.		836					836		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	36,299	82,586				77,249		25,396	16,240
GAGE & GAGE S.W.—Truck			22				22		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	9,090	37,605			146			36,236	10,313
GOOSE LAKE—									
Portal Pipeline Co.		56,976					56,976		
HIAWATHA—									
Continental Pipeline Co.		31,307					31,307		
IVANHOE—									
Continental Pipeline Co.		10,350				8,533	1,817		
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		22,846				18,286	4,560		
KELLEY—									
Continental Pipeline Co.		11,718				11,718			
KEVIN SUNBURST—									
Big West Oil Co.	5,124	20,578				19,908			5,794
Homestake Oil & Gas Co.	1,068	2,250				1,553			1,765
Texas Pipeline Co.	11,281	14,294			31			15,895	9,649
	17,473	37,122			31	21,461		15,895	17,208
LODGE GRASS—Truck			1,896			1,896			
MASON LAKE—									
Continental Pipeline Co.		1,038				1,038			
MELSTONE—									
Continental Pipeline Co.		1,797				1,797			
MOSSER—Truck			787				787		
OUTLOOK & OUTLOOK WEST—									
Rock Island Oil & Ref. Co.			38,505				38,505		
POLE CREEK—Truck			1,050				1,050		
PONDERA—Phillips Petr. Co.	46,531	30,355		95,755	211	128,910			43,520
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, RED FOX, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT									
East Poplar Gathering System	18,311	146,352			666			140,370‡	23,627
RAGGED POINT—									
Continental Pipeline Co.		8,616				7,866	750		
RED CREEK—									
Western Oil Transportation Co.		31,060						31,060	
RESERVE—Truck			17,813				17,813		
SHOTGUN CREEK—Truck			1,201				1,201		
SIDNEY-BRORSON—Truck			24,979					24,979	
SMOKE CREEK—									
Rock Island Oil & Ref. Co.			2,094				2,094		
SNYDER—Truck			950			950			
SOAP CREEK—Truck			9,464				9,464		
SPRING LAKE—									
Rock Island Oil & Ref. Co.			3,099				3,099		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	642,898	83,937		338,042	2,411	58,142		407,519	596,805
TULE CREEK—									
Tesero Petr. Corp.	12,670		60,575			65,423			7,822
WEED CREEK—									
Continental Pipeline Co.		15,926				15,926			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		21,255				15,234		6,021	
WOLF SPRINGS—									
Continental Pipeline Co.		7,488				7,488			
WILDCAT WELLS—Truck			2,860				2,860		
TOTALS	1,580,776	4,022,663	271,930	2,618,231	8,120	961,816	3,557,390	2,468,400	1,297,874

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF MAY, 1968

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall		42,047								42,047
Bowes			26,501							26,501
Cat Creek		8,828		6,908						15,736
Cut Bank	13,373						107,261		98,850	219,484
Elk Basin		90,567		59,680	75,321					225,568
Flat Coulee									19,657	19,657
Fred & George Creek	94,567									94,567
Ivanhoe		8,533								8,533
Keg Coulee		4,050		13,757						17,807
Kelley					11,718					11,718
Kevin Sunburst	19,908									19,908
Lodge Grass		1,896								1,896
Mason Lake		1,038								1,038
Melstone				1,797						1,797
Pondera							42,500			42,500
Ragged Point				7,866						7,866
Snyder		413								413
Sumatra & Stensvad		4,452		41,318	12,372					58,142
Tule Creek								68,343		68,343
Weed Creek					15,926					15,926
Whitlash							15,234			15,234
Wolf Springs					7,488					7,488
Total Montana Oil	127,848	161,824	26,501	131,326	122,825		164,995	68,343	118,507	922,169
Canadian Oil Imported		684,129			40,593					724,722
Wyoming Oil Imported		384,042		529,342	995,456					1,908,840
Total Montana, Canadian, and Wyoming Oil	127,848	1,229,995	26,501	660,668	1,158,874		164,995	68,343	118,507	3,555,731

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1967	29,156	13,866	58,527	101,549
May, 1967	25,761	15,173	60,522	101,456
May, 1968	29,747	23,379	61,575	114,701

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
28.71%	13.65%	57.64%
25.39%	14.96%	59.65%
25.93%	20.38%	53.69%